

Claims:

1. An isolated nucleic acid molecule comprising a sequence which encodes for a polypeptide of SEQ ID NO:2
- 5 2. An isolated nucleic acid molecule comprising a sequence selected from the group consisting of:
 - a) a DNA sequence of SEQ ID NO:1;
 - b) a DNA sequence complementary to SEQ ID NO:1;
 - c) a DNA sequence comprising degenerate substitutions of SEQ ID
 - 10 NO:1;
 - d) a RNA sequence corresponding to SEQ ID NO:1; and
 - e) a RNA sequence complementary to SEQ ID NO:1
3. A vector containing the sequence of claim 1.
- 15 4. A host cell genetically engineered to contain the vector of claim 3.
5. An isolated peptide comprising an amino acid sequence of SEQ ID NO:2.
- 20 6. A method for identifying altered expression of human G1h gene in a human tissue sample comprising the steps of detecting the expression of the G1h gene and comparing said expression to the expression in a sample from a matched normal tissue.
- 25 7. The method of claim 6, wherein the tissue sample comprise peripheral blood cells.
8. The method of claim 7, wherein the peripheral blood cells are T-lymphocytes.
- 30 9. The method of claim 7, wherein the peripheral blood cells are obtained from

a patient diagnosed with systemic lupus erythematosus.

10. The method of claim 6, wherein the tissue sample comprise endothelial cells.
- 5 11. The method of claim 6, wherein the tissue sample comprises malignant cells.
12. The method of claim 6, wherein the tissue sample is amniotic fluid.